

Abstract

NON CANNULATED DILATORS

A non-cannulated dilator that is designed with a rigid elongated solid body and with a judiciously configured tip is utilized as the first dilator of a series of dilators which are inserted into the body of a patient for minimally invasive spinal surgery and is made from a solid elongated body, that could be round, ovoid or other cross sectional configuration whose diameter is greater than one and a half ($1\frac{1}{2}$) millimeter, and that includes a tool engaging end portion at the proximal end is sufficiently rigid so as not to bend and has a pointed shaped insertion end portion at the distal end with the point of the pointed end being discreetly blunted and utilized in a surgical procedure as a replacement of the typical guide wire and is characterized as providing a "feel" to the surgeon as it penetrates through the tissue and muscle of the patient as it proceeds toward the target.